Appropriation authorization.

(3) The Secretary shall select a city or cities for application of advanced district cooling technologies developed by joint ventures supported under this paragraph. The activities to be carried out in such application shall include district cooling assessment, feasibility, and engineering design studies.

(4) There are authorized to be appropriated to the Secretary not to exceed $1,000,000 for each of the fiscal years 1991, 1992, and 1993 to carry out this paragraph.

(d) SECRETARIAL DISCRETION.—(1) If the Secretary, based on the recommendations of the Advisory Committee under subsection (b)(3)(B), with respect to a technology described in paragraph (1), (2), (3), (4), or (5) of subsection (c), determines, that—

(5) there is insufficient private sector interest in joint ventures for the demonstration of such technology to satisfy the requirement of subsection (b)(2); or

(6) such joint ventures will substantially substitute for research, development, and demonstration activities already financed by the private sector,

then the Secretary shall not be subject to the requirements of this section with respect to the technology described in such paragraph, and the Secretary shall notify Congress and provide a written explanation of the reasons for the determination.

(7) Promptly after notifying the Congress under paragraph (1), the Secretary shall consult with the Advisory Committee, and, based on the recommendations of such Committee, shall promptly transmit to Congress a plan for the selection of a substitute field or technology in which to solicit joint ventures that develop or demonstrate, consistent with this section, an alternative renewable energy or energy efficiency technology so as to accomplish the purpose of this Act. Any unexpended funds authorized to be appropriated under subsection (c) for joint ventures with respect to which a determination is made under paragraph (1) may be

used for a substitute joint venture selected under this paragraph.

(8) When 30 calendar days have elapsed after transmittal of a plan under paragraph (2), the Secretary shall proceed with solicitations for joint ventures appropriate to that plan as if such joint ventures were required under subsection (c).

(e) ADDITIONAL JOINT VENTURES.—

(1) The Secretary shall recommend to the Congress three additional joint ventures in the fields of renewable energy or energy efficiency technologies for fiscal year 1993. Each proposed project shall be described in sufficient detail to support congressional authorization.

(9) In selecting proposed projects under this subsection, the Secretary shall consider the recommendations of the Advisory Committee, and shall take into account the extent to which such projects will contribute to earlier commercialization of key technologies than might not occur without Federal support under this subsection, and the extent to which such projects will contribute to the competitiveness of United States firms engaged in international trade in renewable energy or energy efficiency technologies.

(10) Joint ventures supported pursuant to a recommendation under this subsection shall be carried out as if they were required under subsection (c).